

SITE PLAN
1"=600'

SM20-GP04	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP04-01 11/3/2004	SM20-GP04-01 11/3/2004
Sum Volatile Organic Compounds (ug/kg)				3.4 R	5.6 R
BENZO(A)PYRENE	8.7E+01	3.9E+02	1980	250U	320J

SM20-GP05	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP05-01 11/3/2004	SM20-GP05-01 11/3/2004	SM20-GP05-01 11/3/2004
Sum Volatile Organic Compounds (ug/kg)				1.5-2.5 R	3.4 R	5.6 R
2,4-DIMETHYLPHENOL	1.5E+05	2.04E+06	100	120J	1400J	1400J

SM20-GP11	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP11-01 11/10/2004
Sum Volatile Organic Compounds (ug/kg)				5.6 R
BENZO(A)PYRENE	8.7E+01	3.9E+02	1980	420J

SM20-GP14	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP14-01 11/10/2004
Sum Volatile Organic Compounds (ug/kg)				5.6 R
BENZO(A)PYRENE	8.7E+01	3.9E+02	1980	760J

SM20-GP13	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP13-01 11/10/2004
Sum Volatile Organic Compounds (ug/kg)				5.6 R
BENZO(A)ANTHRACENE	8.7E+02	3.9E+03	4100	1400J
BENZO(A)PYRENE	8.7E+01	3.9E+02	1980	1300J
BENZO(B)FLUORANTHENE	8.7E+02	3.9E+03	100	1500J

SM20-GP09	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP09-01 11/3/2004	SM20-GP09-01 11/3/2004
Sum Volatile Organic Compounds (ug/kg)				1.2 R	5.6 R
BENZO(A)ANTHRACENE	8.7E+02	3.9E+03	4100	3300	370J
BENZO(A)PYRENE	8.7E+01	3.9E+02	1980	3400	350J
BENZO(B)FLUORANTHENE	8.7E+02	3.9E+03	100	4200	510J
DIBENZO(A,H)ANTHRACENE	8.7E+01	3.9E+02	100	730J	200U
FLUORANTHENE	3.1E+05	4.1E+06	4100	6000	640J
INDEN(1,2,3-CD)PYRENE	8.7E+02	3.9E+03	4100	2300	280J
PYRENE	2.3E+05	3.1E+06	100	5300	520J

SM20-GP10	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP10-01 11/3/2004	SM20-GP10-01 11/3/2004	SM20-GP10-01 11/3/2004
Sum Volatile Organic Compounds (ug/kg)				1.2 R	5.6 R	10-11 R
BENZO(A)PYRENE	8.7E+01	3.9E+02	1980	310J	960J	39U
BENZO(B)FLUORANTHENE	8.7E+02	3.9E+03	100	440J	1200J	39U
DIBENZO(A,H)ANTHRACENE	8.7E+01	3.9E+02	100	200U	290J	39U
INDEN(1,2,3-CD)PYRENE	8.7E+02	3.9E+03	4100	320J	970J	39U
PYRENE	2.3E+05	3.1E+06	100	460J	1700J	39U

SM20-GP12	RBC Residential	RBC Industrial	Ecological Screening Values	SM20-GP12-01 11/10/2004
Sum Volatile Organic Compounds (ug/kg)				5.6 R
BENZO(A)PYRENE	8.7E+01	3.9E+02	1980	900J

LEGEND

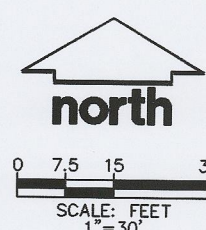
- APPROXIMATE EXTENT OF SOLID WASTE MANAGEMENT UNIT (SWMU)
- SURVEYED GEOPROBE LOCATION INSTALLED IN 2004
- GEOPROBE LOCATION NOT SAMPLED (REFUSAL AT 1 FT BGS)
- PHASE I TEST PIT LOCATION
- 5.51** BOLD VALUE INDICATES RESULT EXCEEDS RESIDENTIAL RBC
- 5.51** BOLD AND SHADED VALUE INDICATES RESULT EXCEEDS RESIDENTIAL & INDUSTRIAL RBC
- 5.51** BOXED VALUE INDICATES RESULT EXCEEDS ECO-SCREENING CRITERIA
- 5.51** INDICATES RESULT EXCEEDS RESIDENTIAL, INDUSTRIAL RBC & ECO-SCREENING CRITERIA
- ND NO COMPOUNDS WERE DETECTED ABOVE LABORATORY REPORTING LIMITS

- Notes:
- RBC - US EPA Region III Risk-Based Concentration for soil (October 2004). The criteria for both the industrial and residential settings are presented.
 - Eco Screening - US EPA Region III Ecological Screening Values as provided by R. Fish, applied to samples collected from 0-2' below ground surface.
 - NS - Indicates no established criteria.
 - Analytical results are presented for all compounds detected in samples from a particular soil boring location.

- Qualifiers
- U - Analyte was not detected above the indicated detection limit.
 - J - The reported concentration for this value may not be accurate or precise.
 - UJ - Analyte was not detected, the indicated detection limit may not be accurate or precise.
 - L - Analyte present. Reported value may be biased low. Actual value is expected to be higher.
 - UL - Analyte was not detected, the indicated detection limit may be biased low.
 - B - Not detected substantially above the levels reported in the field or laboratory blanks.
 - R - Result is rejected.
 - D - Compound quantitated on a diluted sample.
 - E - Concentration exceeds the calibration range of the instrument.
 - K - Analyte present. Reported value may be biased high.

SOURCE:

COMPILED BY PRO MAPS OF MORRISTOWN, NJ FROM AERIAL PHOTOGRAPHY FLOWN BY KEYSTONE AERIAL PHOTOGRAPHS OF PHILADELPHIA, PA. FLOWN AT 1"=400' USING DATUM OF NAD 83 SOUTH ZONE - PA AND NAVD 88. SURVEY SUPPORT BY JAMES M. STEWART OF PHILADELPHIA, PA.



Honeywell DELAWARE VALLEY
WORKS FACILITY
Route 13 (Delaware County)
Claymont, DE

MACTEC

SOIL SAMPLE ANALYTICAL RESULTS FOR
SVOCs FOR SWMU 20

Project 3485-05-0043

Figure 14

Prepared/Date: MS 11/2005
Checked/Date: DJN 11/2005